National Health and Nutrition Examination Survey
Codebook for Data Release (2001-2002)

MEC Examination
Muscle Strength (MSX_B)
Person level data -- use Examination Weights for analysis

May 2004

SEQN	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Respondent sequence number

English Text: Respondent sequence number

English Instructions:

MSAEXLEN	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Timed walk & muscle strength time (sec)

English Text: Timed walk & muscle strength time (sec)

English Instructions:

MSAEXSTS	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Timed walk and muscle strength status

English Text: Timed walk and muscle strength status

English Instructions:

Codes:	Skip To Values:
1= Complete	
2= Partial	
3= Not done	

MSAEXCMT	Target
	B(50 Yrs. to 150 Yrs.)

Hard Edits	SAS Label
	Timed walk and muscle strength comments

English Text: Timed walk and muscle strength comments

English Instructions:

Codes:	Skip To Values:
0= None	
1= Safety exclusion	
2= SP refusal	
3= No time	
4= Physical limitation	
5= Communication problem	
6= Equipment failure	
7= SP ill/emergency	
8= Awaiting pregnancy results	
9= Body cast	
10= Did not meet return requirement	
11= Data effect	
12= Eye specific limitation	
13= Inability to lie still	
14= Interrupted	
15= Invalid pregnancy test	
16= Missing meal or food	
17= Missing time periods	
18= Needs DR	
19= Needs edit	
20= Not enough hair	
22= Pain or discomfort	
23= Poor cuff fit	
24= Priority 1 stopping criteria	
25= Priority 2 stopping criteria	
26= Protocol change	
27= Proxy no information	
28= Race/ethnicity	
29= SP did not meet fast	
30= SP failed test(s)	
31= SP in supine position	
32= SP moved during procedure	

33= SP not pregnant

34= SP pregnant

35= Stage 1 & stage 2 hr manually entered

36= Stage 1 hr manually entered

37= Stage 2 hr manually entered

38= Technical difficulty

39= Unable to calculate protocol

40= Unable to follow protocol

41= Width exceeds scan table

42= Alternative protocol used

43= Weight limitation on equipment

46= Result based on single run

48= No test kit available

49= Urine not collected

50= Control results invalid

51= SP unable to comply

52= Quantity not sufficient

53= Laboratory error

54= Collected in field office

55= Exceeds height limitation

56= Came late/left early

57= Needs phone follow-up

58= Unable to obtain all bps

59= Unable to compress ankle artery

60= Problem obtaining bp

61= Problem obtaining hr

62= Problem with data capture

63= Problem with electrodes

64= Problem with bp cuff

65= Problem with treadmill controller

66= Data acquisition problems

67= Needs blood draw

68= Needs questionnaire

69= Collected in home

70= No diff results/diff voteout

71= Results repeasted and confirmed

72= Error (technician/software/supply)

74= Last 2 days of stand

75= SP not staying in primary residence

76= Cross stand SP

78= Clotted

80= SP Can't Read

81= Awaiting completion of physician's exam

83= SP Inconsolable

84= SP with child

85= Prematurely unblocked

99= Other, specify

MSDEXCLU	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Exclusion criteria for muscle strength

English Text: Exclusion criteria for muscle strength

English Instructions:

Codes: **Skip To Values:**

1= Chest/abdomen surgery past three weeks

2= Myocardial infarction (or"heart attack") in the past six weeks

3= Told by dr had aneurysm in the brain or had a stroke

4= Have severe neck or back pain today

5= Difficult in bending or straightening right knee

6= Had right knee or right hip replacement

MSXW20TM	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Time to complete 20 ft walk:

English Text: Time to complete 20 ft walk (in seconds):

English Instructions:

MSXW08TM	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Time to complete 8 ft walk:

English Text: Time to complete 8 ft walk (in seconds):
English Instructions:

MSXWPAIN	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Pain reported on walking:

English Text: Pain reported on walking:
English Instructions:

Codes:	Skip To Values:
1= Yes	
2= No	

MSAWDEV	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Type of device used:

English Text: Type of device used:
English Instructions:

Codes:	Skip To Values:
1= None	
2= Cane	
3= Walker	
4= Other	

MSDPTIME	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Time to peak force in seconds

English Text: Time to peak force in seconds
English Instructions:

MSDPFANG	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label

	Angle of peak force (degrees)
English Text: Angle of peak force (degrees)	
English Instructions:	

MSXARML	**Target**
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Arm length cm
English Text: Arm length cm	
English Instructions:	

MSXGRAV	**Target**
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Gravity Correction in Lb
English Text: Gravity Correction in Lb	
English Instructions:	

MSDPFVEL	**Target**
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Peak force velocity degree/seconds
English Text: Peak force velocity degree/seconds	
English Instructions:	

MSDPF	**Target**
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Peak force (Newtons)
English Text: Peak force (Newtons)	
English Instructions:	

MSDNTR	**Target**
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**

	Number of trials
English Text: Number of trials	
English Instructions:	

MSDAPF	**Target**
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Average peak force (Newtons)
English Text: Average peak force (Newtons)	
English Instructions:	

MSDPFTR	**Target**
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	The selected peak force trial
English Text: The selected peak force trial	
English Instructions:	